

CLAIMS

1. A procedure in dry formation of a fibre layer, in which procedure fibre-containing air is passed through a forming
5 wire (7) moving via a former (2) or an equivalent distributor unit and further through a suction box (8) or equivalent placed below the forming wire, and which air is circulated back to the upper part of the same or another former, **characterized** in that the air circulated through the suction box
10 (8) is passed to the upper part of the former via channels (17) with an adjustable flow rate.

2. A procedure according to claim 1, **characterized** in that the flow rate in the channels (17) leading to the upper part
15 of the former is adjusted in a channel-specific manner for each channel (17) by means of a regulating element (18) provided at the beginning of the channels (17).

3. A procedure according to claim 1 or 2, **characterized** in
20 that the channel-specific adjustment of the circulation air flow is made during operation by decreasing or increasing the cross-sectional area of the mouths of the channels (17).

4. A procedure according to claim 1, 2, or 3, **characterized**
25 in that the circulation air going through the forming wire (7) is passed through the suction box (8) via channels (11) with an adjustable flow rate provided in the suction box.

5. An apparatus (1) in dry formation of a fibre layer, said
30 apparatus comprising at least one former (2) or an equivalent distributor unit, a forming wire (7) moving below the former and at least one suction box (8) below the forming surface of the forming wire and a system of circulation air channels leading from the suction box to the upper side of the same or
35 some other former or an equivalent distributor unit, **characterized** in that the system of circulation air channels (9) leading to the upper side of the former or equivalent dis-

tributor unit and divided into substantially separate channels (17).

6. An apparatus according to claim 5, **characterized** in that the apparatus comprises a regulating element (18), by means of which the flow rate in each channel (17) can be separately adjusted.

7. An apparatus according to claim 5 or 6, **characterized** in that the regulating element (18) is a regulating device at the beginning of the channels (17) of the channel system (9) the decreases or increases the mouths of the channels (17), and that the regulating element (8) has been fitted to be adjusted during operation of the apparatus.

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8. An apparatus according to claim 5, 6 or 7, **characterized** in that the suction box (8) is divided into sections by channels (11) separate from each other, which channels lead in a converging manner into an exhaust duct (12) provided at the side of the suction box and leading to a fan (13).

9. An apparatus according to any one of the preceding claims 5-8, **characterized** in that the suction box (8) is divided into a number of separate channels (11) corresponding to channels (17), said channels (11) being provided with a regulating element (20) substantially corresponding to the regulating element (18) of channels (17).

10. An apparatus according to any one of the preceding claims 5-9, **characterized** in that the cross-sectional areas of channels (17) at the junction between the upper part of the former and the channels (17) are mutually substantially equal, and that the total width of channels (17) covers substantially the entire transverse width of the forming wire (7) at the junction of the upper part of the former.